

POWER SUPPLY

to Byte
April 1980

$$C_{min} = \frac{\left(\frac{1}{4f} + \frac{1}{2\pi f} \arcsin\left(\frac{V_{mi}}{V_{max}}\right) \right)}{V_{max} - V_{mi}}$$

V_{max} = peak positive voltage on cap (minimum)
max ca also have an effect as ca ripple
 V_{mi} - dropout of reg.